

### Hunters Point Radiological Program Update

Hunters Point Naval Shipyard
BCT Meeting
October 2, 2014

#### **Overview**



#### Radiological Project Work Overview

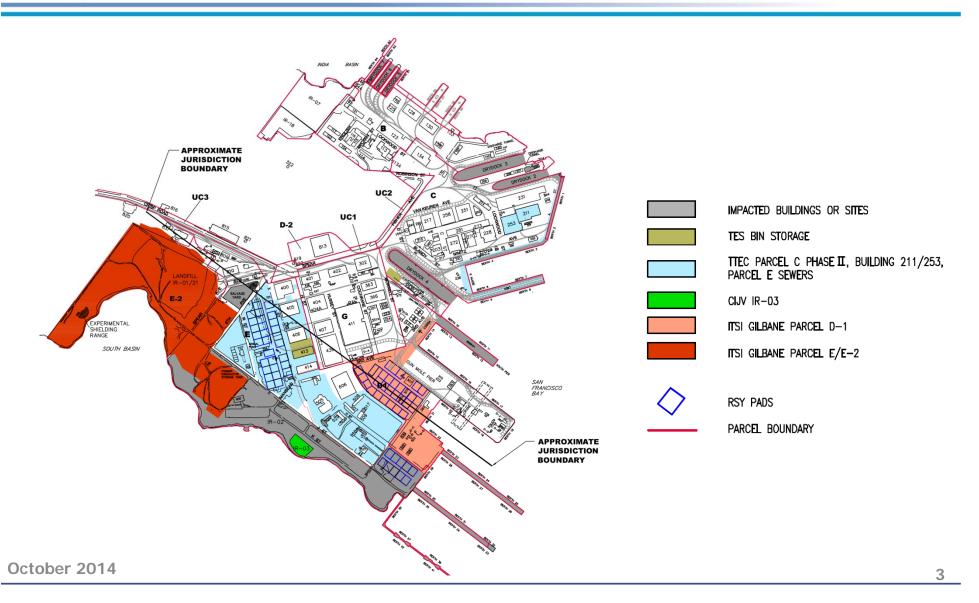
- Current Project Map
- Parcel C
  - Phase II Field Work

  - Ship Berth SurveyBuildings 253 and 211 Survey
- Parcel E
  - "I Street" SS/SD Removal
- Parcel D-1
- FSS Report Status
- Upcoming Agency Document Schedule
- Projected Field Completion Dates
- Overview of Remaining Radiological Work under Basewide Removal Action

October 2014

### **2014 Radiological Projects**





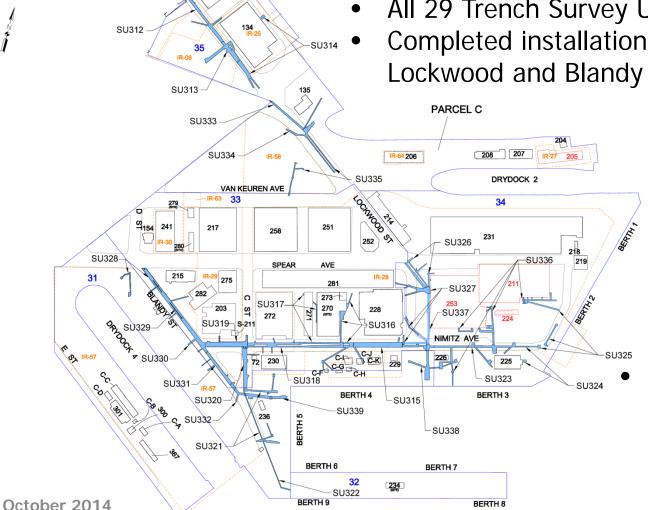
# Parcel C - Phase II SS/SD Removal and Ship Berth Surveys





All 29 Trench Survey Units (SUs) Backfilled

Completed installation of drainage system along Lockwood and Blandy Streets (1,500 LF)



100% complete with Ship Berth 1, 2, 3, 4 and 5 Surveys (13 SUs)



#### **Buildings 253 and 211**

Characterization surveys completed August 11, 2014

	Class 1 Area	Class 2 Areas	Class 3 Area
No. of SUs	252 <sup>1/</sup>	10	10
No. Met Release Criteria	211	10	9
No. Exceeded Release Criteria	35		13/
No. Exceeded Investigation Criteria			
But Not Release Criteria	2		
No. of SUs Not Surveyed Due to			
Safety Concerns <sup>2/</sup>	4		
In Process of Being Surveyed			

<sup>1/</sup> Includes 2 soil SUs, one for each building; each met release criteria

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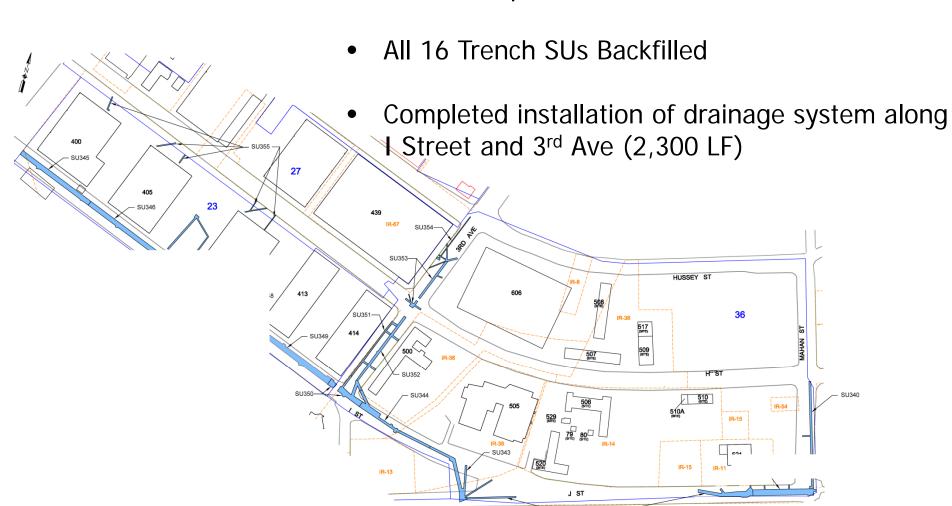
<sup>&</sup>lt;sup>2/</sup> Building 211 SUs 143, 144, 153, and 154 (bathrooms and offices on the 1st floor and drafting area on the 2nd floor)

<sup>3/</sup> Elevated beta activity identified on the tiles on 6th floor roof

## Parcel E SS/SD Removals "I Street"



100% complete with removal of 7,642 LF



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BASE REALIGNMENT AND C

### **Parcel E Drainage System** "I Street"





**Underground piping along I Street at** 



Trenching for underground piping along Third Avenue



Drainage swale at intersection of I and J Streets



Regrading of existing swale east of Hussey Street

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## Parcel D-1 Phase I



- Gun Mole Pier
  - CDPH confirmation surveys completed March 18
  - Recommendation for Unrestricted Radiological Release letter anticipated following CDPH analysis of confirmation samples and confirmation surveys

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### Parcel D-1 Phase II



#### Completed:

- Removal of 5,455 LF of SS/SD and survey of NRDL site
- All 17 Trench SUs Backfilled
- Completed Ship Berth 21, 22, 29, and 14 Surveys
- Scanning and sampling of RSY 2 Pads; Lab sample results reviewed and approved by RASO

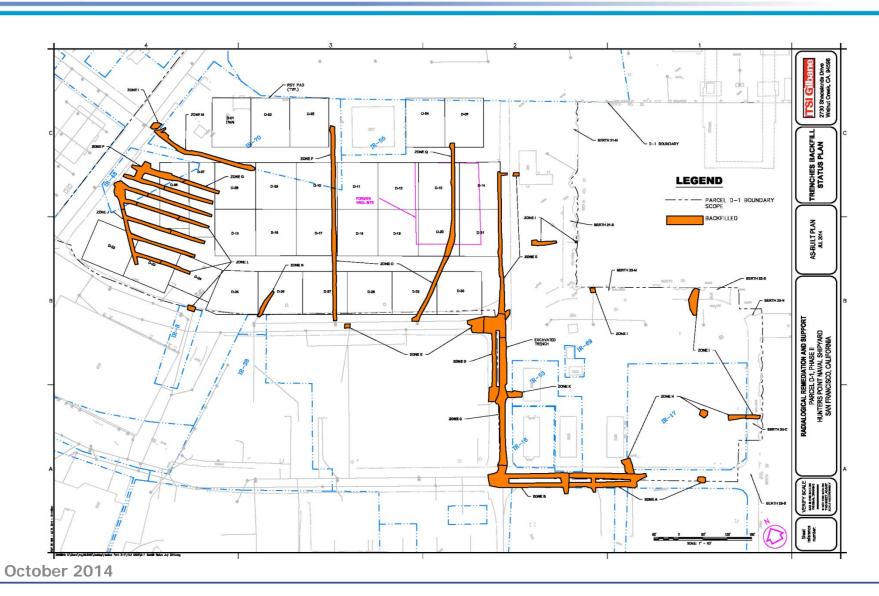
#### Remaining Work:

- Mobilization on September 29<sup>th</sup> for ~8 weeks
- Deconstruct RSY 2 Pads; stockpile material in Parcel E
- Remove the rail road ties

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#### **Parcel D-1 Phase II**

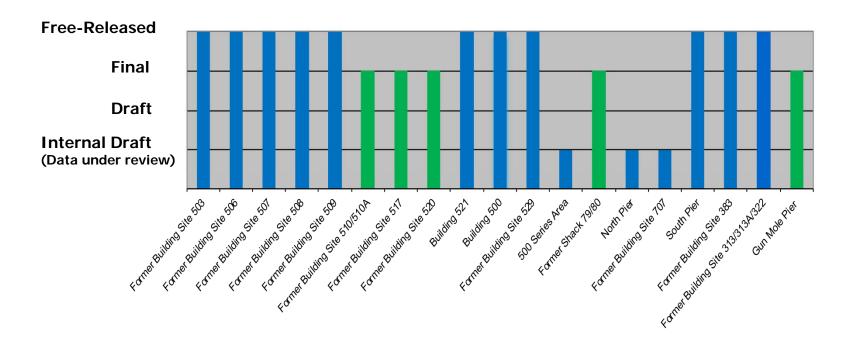




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### FSS Report Status Parcels C, D-1, & E





Waiting for concurrence for Free-Release determination



## **Upcoming Agency Document Schedule**Parcels C, D-1, & E



- Draft North Pier FSS Report October 2014
- Draft Revised SUPR Abstract and NORM Background Study November 2014
- Draft Parcel C Ship Berths FSS Report December 2014
- Draft Buildings 253/211 Radiological Characterization Survey Report
   January 2014
- Draft Parcel D-1 SS/SD FSS Report December 2014
- Draft Parcel D-1 Ship Berths and NRDL FSS Report January 2015
- Draft SUPR Packages (16 total) for Parcel E:
   4<sup>th</sup> and last SUPR Package (4 SUs) October 2014

#### **Projected Field Completion Dates**



- Parcel E "I Street" September 30, 2014
- Parcel C Phase II September 30, 2014
- Parcel D-1 Phase II November 2014

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## Overview of Remaining Radiological Work Under Basewide Removal Action



#### Parcel C:

- Remediation of Buildings 253 and 211, including interior wallmounted drain lines and subsurface lines
- Removal of remaining sanitary sewer and storm drain lines within Parcel C
- Parcel C, Phase III (Bldg. 224, Bldg. 205, and Historical District lines

#### Parcel E:

- Salvage Yard and associated sanitary sewer and storm drain lines
- Removal of remaining sanitary sewer and storm drain lines within Parcel F

#### Parcel E-2:

 Removal of remaining sanitary sewer and storm drain lines that are located outside of the radiological ARIC

#### Parcel F:

Free-release of the re-fueling (Finger) Piers